



# भारत का राजपत्र The Gazette of India

साप्ताहिक/WEEKLY

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No. 46] NEW DELHI, SATURDAY, NOVEMBER 15—NOVEMBER 21, 2003 (KARTIKA 24, 1925)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

## [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]

[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE  
PATENTS AND DESIGNS

Kolkata, the 15th November 2003

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Territories of Daman and  
Diu & Dadra and Nagar Haveli.  
Telegraphic Address "PATOFFICE"  
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2490 3852  
Fax No. (022) 2495 0622, 2490 3852  
E-mail: patmun@vsnl.net

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The States of Haryana,  
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Uttar Pradesh and Delhi and the  
Union Territory of Chandigarh.

Telegraphic Address "PATENTOFIC"  
Phone Nos. (011) 2587 1255, 2587 1256,  
2587 2587, 1258.  
Fax No. (011) 2587 1256.  
E-mail: delhipatent@vsnl.net

3. Patent Office Branch,  
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Chennai-600 018.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamilnadu and  
Pondicherry and the Union  
Territories of Laccadive, Minicoy and  
Aminidivi Islands.

Telegraphic Address "PATENTOFFICE"  
Phone Nos. (044) 2431 4324/4325/4326.  
Fax No. (044) 2431 4750/4751.  
E-mail: patentchennai@vsnl.net

4. Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
5th, 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Kolkata-700 020.

Rest of India.

Telegraphic No. "PATENTS"  
Phone No. (033) 2247 4401, 4402/4403.

Fax No. (033) 2247 3851, 2240 1353.

E-mail: patentin@vsnl.com  
patindia@giasclo1.vsnl.net.in

Website : http://ipindia.nic.in

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### पेटेंट कार्यालय

#### एकस्व तथा अभिकल्प

कोलकाता, दिनांक 15 नवम्बर 2003

पेटेंट कार्यालय के कार्यालयों के चर्चे एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,  
टोडी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर पोल (वेस्ट),  
मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा  
गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, दमन तथा दीव एवं  
दादर और नगर हवेली।

तार पता : "पेटेंटफिस"

फोन : (022) 2492 4058, 2496 1370, 2490 3684, 2490 3852

फैक्स : (022) 2495 0622, 2490 3852

ई. मेल : patindia@vsnl.net

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट गेटेल नगर,  
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेंटफिस"

फोन : (011) 2587 1255, 2587 1256, 2587, 2587,  
1258.

फैक्स : (011) 2587 1256.

ई.-मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,

गुना कम्प्लेक्स, छठा तल, एनेक्स-II,  
443, अन्नासलाई, तेनामपेट,  
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिनीकाय तथा एमिनिदिव द्वीप।  
तार पता - "पेटेंटोफिस"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई.-मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6ठा व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401, 4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई.-मेल : patentin@vsnl.com

patindia@giasclo1.vsnl.net.in

वेब साइट : http://ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002  
अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण  
या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित  
कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा  
जहां उपयुक्त कार्यालय अवस्थित है, इस स्थान के अनुसूचित बैंक से  
नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा  
सकती है।

## CORRIGENDUM

In Gazette of India Part III, Section 2 dated 26.07.2003, under the Headings

“PATENTS SEALED” Please delete the Number 188385.

### ***INTERNATIONAL APPLICATION FOR PATENT FILED UNDER PATENT COOPERATION TREATY (PCT) AT PATENT OFFICE .***

Application No PCT/IN03/00001

Date of Filing 03-Jan-03

Applicant L. G. BALAKRISHNAN & BROS. LTD.;

Priority Claim On 10/07268 US

Field of Invention

Title ROLLER CHAIN BUSHINGS.

Application No PCT/IN03/00002

Date of Filing 03-Jan-03

Applicant GOKARAJU, GANGA RAJU;

Priority Claim On

Field of Invention

Title A PROCESS FOR PRODUCING ENRICHED FRACTIONS CONTAINING UPTO 100% OF BACOSIDE A AND BACOSIDE B FROM PLANT MATERIALS OF BACOPA SPECIES.

Application No PCT/IN03/00003

Date of Filing 06-Jan-03

Applicant LUPIN LTD.;

Priority Claim On

Field of Invention

Title A PROCESS FOR THE MANUFACTURE OF CEFPODOXIME PROXETIL.

Application No PCT/IN03/00004

Date of Filing 06-Jan-03

Applicant SUN PHARMACEUTICALS INDUSTRIES LTD.;

Priority Claim On 9/MUM/2002 IN  
9/MUM/2002 IN

Field of Invention

Title NOVEL PROCESS FOR THE PREPARATION OF TRANS-3-ETHYL-2, 5-DIHYDRO-4-METHYL-N-[2-[4-[[[4-METHYL CYCLOHEXYL) AMINO] CARBONYL]AMINO] SULFONYL] PHENYL ETHYL]-2-OXO-1H-PYRROLE-1-CARBOXYA MIDE.

Application No PCT/IN03/00005  
Date of Filing 07-Jan-03  
Applicant INDOFIL CHEMICALS COMPANY;  
Priority Claim On  
Field of Invention  
Title INDUSTRIAL PROCESS FOR PREPARING ENVIRONMENTALLY SAFE TRICYCLAZOLE.

Application No PCT/IN03/00006  
Date of Filing 07-Jan-03  
Applicant SUN PHARMACEUTICAL INDUSTRIES LIMITED;  
Priority Claim On 10/MUM/2002  
18/MUM/2002  
847/MUM/2002  
18/MUM/2002

Field of Invention  
Title PROCESS FOR THE PREPARATION OF 1-[3-(DIMETHYLAMINO) PROPYL]-1-(4-FLUOROPHENYL)-1,3-DIHYDRO-5-ISOBENZOFURAN CARBONITRILE.

Application No PCT/IN03/00007  
Date of Filing 07-Jan-03  
Applicant JOSEPH JOHN JOSEPH;  
Priority Claim On  
Field of Invention  
Title SEFTY BOLLD PAD FOR DIALYSIS VENIPUNCTURES.

Application No PCT/IN03/00008  
Date of Filing 10-Jan-03  
Applicant LUPIN LIMITED;  
Priority Claim On 22/MUM/2002 IN  
Field of Invention  
Title HERBAL COMPOSITION FOR TREATING VARIOUS DISORDERS INCLUDING PSORIASIS, A PROCESS FOR PREPARATION THEREOF AND METHOD FOR TREATMENT OF SUCH DISORDERS.

**Application No** PCT/IN03/00009

**Date of Filing** 13-Jan-03

**Applicant** SUN PHARMACEUTICAL INDUSTRIES  
LIMITED;

**Priority Claim On** 27/MUM/2002 IN  
27/MUM/2002 IN

**Field of Invention**

**Title** SUBSTANTIALLY PURE 5-(3,5-DIMETHYLPHENOXY) METHYL-2-OXAZOLID  
INONE.

**Application No** PCT/IN03/00010

**Date of Filing** 20-Jan-03

**Applicant** GOEL, PRAYAS;

**Priority Claim On** 999/MUM/2002 IN

**Field of Invention**

**Title** PROCESS FOR REDUCING DISTILLERY SPENT WASH TO ZERO%  
POLLUTION STATUS.

**Application No** PCT/IN03/00011

**Date of Filing** 21-Jan-03

**Applicant** COUNCIL OF SCIENTIFIC AND  
INDUSTRIAL RESEARCH

**Priority Claim On** 10/051, 383 US

**Field of Invention**

**Title** TRANSGENIC TEA THROUGH BIOLISTIC USING LEAF EXPLANTS.

**Application No** PCT/IN03/00012

**Date of Filing** 23-Jan-03

**Applicant** OBJECT INTERACTIVE TECHNOLOGIES  
LIMITED;

**Priority Claim On** 10/056, 708 US

**Field of Invention**

**Title** DYNAMIC DISTRIBUTION AND INTEGRATION OF COMPUTER CODE  
OBJECTS.

Application No PCT/IN03/00013

Date of Filing 28-Jan-03

Applicant TAHIL, RAJ VIKRAM;

Priority Claim On 79/MUM/2002 IN  
949/MUM/2002 IN

Field of Invention

Title A DEVICE FOR FILLING SOLUBLE CONTAINERS

Application No PCT/IN03/00014

Date of Filing 29-Jan-03

Applicant SUN PHARMACEUTICAL INDUSTRIES  
LIMITED;

Priority Claim On

Field of Invention

Title ORAL CONTROLLED RELEASE PHARMACEUTICAL COMPOSITION

Application No PCT/IN03/00015

Date of Filing 30-Jan-03

Applicant COUNCIL OF SCIENTIFIC AND  
INDUSTRIAL RESEARCH;

Priority Claim On 60/353, 041 US

Field of Invention

Title NOVEL TWO GONADOTROPIN RELEASING HORMONES AND A METHOD  
TO ISOLATE THE SAME.

Application No PCT/IN03/00016

Date of Filing 03-Feb-03

Applicant NATCO PHARMA LTD.;

Priority Claim On 411/MAS/2002 IN

Field of Invention

Title AN IMPROVED PROCESS FOR THE PREPARATION OF 4-(N,  
N-DISUBSTITUTED AMINO) BUTYRALDEHYDE ACETALS.

**Application No** PCT/IN03/00017

**Date of Filing** 03-Feb-03

**Applicant** RAMAR ARJUNAR BHARAMAN;

**Priority Claim On** 538/MAS/2002 IN

**Field of Invention**

**Title** MEDICINE OF LIVING - A NEW TREATMENT PROCESS FOR ALL THE DISEASE. .

**Application No** PCT/IN03/00018

**Date of Filing** 03-Feb-03

**Applicant** MURALI, PANCHAPAGESA,  
MUTHUSWAMY;

**Priority Claim On**

**Field of Invention**

**Title** A PROCESS OF PREPARING A HERBAL FILLER COMPOSITION FOR BIDI CIGARETTE AND THE LIKE.

**Application No** PCT/IN03/00019

**Date of Filing** 05-Feb-03

**Applicant** INDIAN INSTITUTE OF TECHNOLOGY;

**Priority Claim On** 96/DEL/2002 IN

**Field of Invention**

**Title** METHOD FOR SPECIFIC INTEGRATION OF T7 RNA POLYMERASE GENE IN THE CHROMOSOME OF CORYNEBACTERIAL AND THE RESULTANT CORYNEBACTERIA-T7 PROMOTER BASED SHUTTLE VECTOR SYSTEM.

**Application No** PCT/IN03/00020

**Date of Filing** 06-Feb-03

**Applicant** PATEL, ARVINDBHAI, LAVJIBHAI;

**Priority Claim On** 315/MUM/2002 IN

**Field of Invention**

**Title** A NOVEL LASER DIAMOND BLOCKING MACHINE FOR FACETING THE BOTTOM OF THE DIAMOND.

Application No PCT/IN03/00021  
Date of Filing 07-Feb-03  
Applicant BIOCON INDIA LTD.;  
Priority Claim On  
Field of Invention  
Title NOVEL FORM OF SIMVASTATIN.

Application No PCT/IN03/00022  
Date of Filing 07-Feb-03  
Applicant LAKSHMI CARD CLOTHING  
MANUFACTURING;  
Priority Claim On  
Field of Invention  
Title A DEVICE TO MAINTAIN AND IMPROVE THE SURFACE TEXTURE AND  
STRUCTURE OF MOUNTED CARD WIRE.

Application No PCT/IN03/00023  
Date of Filing 10-Feb-03  
Applicant BIOCON INDIA LTD.;  
Priority Claim On  
Field of Invention  
Title SOLID STATE FERMENTATION AND FED BATCH FOR THE PRODUCTION  
OF AN IMMUNOSUPPRESSANT.

Application No PCT/IN03/00024  
Date of Filing 11-Feb-03  
Applicant FDC LIMITED;  
Priority Claim On  
Field of Invention  
Title NOVEL ANTI-FUNGAL AGENTS

Application No PCT/IN03/00025  
Date of Filing 13-Feb-03  
Applicant AMBARDEKAR, VISHVAS;  
Priority Claim On  
Field of Invention  
Title REVOLVING PISTON INTERNAL COMBUSTION ENGINE.



**Application No** PCT/IN03/00026

**Date of Filing** 14-Feb-03

**Applicant** AGARWAL SANJIV;

**Priority Claim On** 94/CAL/2002 IN

**Field of Invention**

**Title** BUSINESS METHOD FOR PROMOTING SALE OF MERCHANDISE AND  
NOVEL SMILES STAMPS OR GIFT STAMPS.

**Application No** PCT/IN03/00027

**Date of Filing** 19-Mar-03

**Applicant** BRAKES INDIA LIMITED;

**Priority Claim On** 135/MAS/2002 IN

**Field of Invention**

**Title** INTEGRATED BRAKING SYSTEM FOR AUTOMOTIVE APPLICATION.

**Application No** PCT/IN03/00028

**Date of Filing** 19-Feb-03

**Applicant** THE INDIAN INSTITUTE OF  
TECHNOLOGY, BOMBAY;

**Priority Claim On** 153/MUM/2002 IN  
154/MUM/2002 IN  
767/MUM/2002 IN

**Field of Invention**

**Title** ENERGY EFFICIENT LIQUID DESICCANT REGENERATION.

**Application No** PCT/IN03/00029

**Date of Filing** 19-Feb-03

**Applicant** THE INDIAN INSTITUTE OF  
TECHNOLOGY, BOMBAY;

**Priority Claim On** 151/MUM/2002 IN  
152/MUM/2002 IN  
155/MUM/2002 IN

**Field of Invention**

**Title** ENERGY EFFICIENT ADSORPTION SYSTEM.

Application No PCT/IN03/00030  
Date of Filing 20-Feb-03  
Applicant STRIDES ARCOLAB LIMITED;  
Priority Claim On 127/DEL/2002 IN  
10/096, 709 US  
Field of Invention  
Title ORALLY ADMINISTRABLE PHARMACEUTICAL FORMULATION  
COMPRISING PSEUDOPHEDRINE HYDROCHLORIDE AND PROCESS FOR  
PREPARING THE SAME

Application No PCT/IN03/00031  
Date of Filing 20-Feb-03  
Applicant STRIDES ARCOLAB LIMITED;  
Priority Claim On 129/DEL/2002 IN  
10/096, 564 US  
Field of Invention  
Title ORALLY ADMINISTRABLE PHARMACEUTICAL FORMULATION

Application No PCT/IN03/00032  
Date of Filing 20-Feb-03  
Applicant STRIDES ARCOLAB LIMITED;  
Priority Claim On 128/DEL/2002 IN  
10/096, 708 US  
Field of Invention  
Title ORALLY ADMINISTABLE PHARMACEUTICAL FORMULATION  
COMPRISING EPHEDRINE HYDROCHLORIDE AND PROCESS FOR  
PREPARING THE SAME

Application No PCT/IN03/00033  
Date of Filing 20-Mar-03  
Applicant STRIDES ARCOLAB LIMITED;  
Priority Claim On 478/MUM/2002 IN  
10/222/046 US  
Field of Invention  
Title PHARMACEUTICAL FORMULATION IN A DRUG DELIVERY SYSTEM AND  
PROCESS FOR PREPARING THE SAME

**Application No** PCT/IN03/00034

**Date of Filing** 11-Feb-03

**Applicant** ABRAHAM EBENEZER  
MUTHUNARAYAGAM;

**Priority Claim On**

**Field of Invention**

**Title** A PROCESS, SYSTEM AND DESIGN FOR DESALINATION OF SEA WATER

**Application No** PCT/IN03/00035

**Date of Filing** 21-Feb-03

**Applicant** HETERO DRUGS LIMITED;

**Priority Claim On**

**Field of Invention**

**Title** BICALUTAMIDE POLYMORPHS

**Application No** PCT/IN03/00036

**Date of Filing** 21-Feb-03

**Applicant** AVADHUTA PRUTHIVI RAJ;

**Priority Claim On** 363/MAS/2002 IN

**Field of Invention**

**Title** AN APPARATUS FOR POWER GENERATION FROM OCEAN TIDES/ WAVES

**Application No** PCT/IN03/00037

**Date of Filing** 25-Feb-03

**Applicant** HETERO DRUGS LTD.;

**Priority Claim On**

**Field of Invention**

**Title** AMORPHOUS FORM OF LOSARTAN POTASSIUM

**Application No** PCT/IN03/00038

**Date of Filing** 27-Feb-03

**Applicant** HETERO DRUGS LIMITED;

**Priority Claim On**

**Field of Invention**

**Title** A NOVEL CRYSTALLINE FORM OF TRANDOLAPRIL

Application No PCT/IN03/00039  
Date of Filing 27-Feb-03  
Applicant ABBURI VISWESWARA RAO;  
Priority Claim On  
Field of Invention  
Title A PROCESS FOR THE MANUFACTURE OF FEED GRADE DICALCIUM  
PHOSPHATE

Application No PCT/IN03/00040  
Date of Filing 27-Feb-03  
Applicant DABUR RESEARCH FOUNDATION;  
Priority Claim On 10/329,321 US  
Field of Invention  
Title A DRUG COMPRISING SYNTHETIC PEPTIDE ANALOGS FOR THE  
TREATMENT OF CANCER.

Application No PCT/IN03/00041  
Date of Filing 28-Feb-03  
Applicant COUNCIL OF SCIENTIFIC AND  
INDUSTRIAL RESEARCH;  
Priority Claim On 177/DEL/2002 IN  
Field of Invention  
Title AN IMPROVED PROCESS FOR MAKING CHROME TANNED LEATHERS.

### अभिगृहित पूर्ण विनिर्देश

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथासंशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Ind.Cl : **191301**  
 Int.Cl<sup>4</sup> : B 01 J 35/04 F 01 N 3/28  
 Title : APPARATUS AND PROCESS FOR PRODUCING A HONEYCOMB BODY  
 Applicant : EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH,  
 OF HAUPTSTRASSE 150, 53797 LOHMAR, GERMANY.  
 Inventor : LUDWIG WIERES.  
 Application no. 828/CAL/96 FILED ON 06.05.1996  
 (Convention no. 19521685.7 FILED ON 14.6.1995 IN GERMANY.)

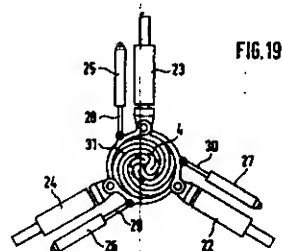
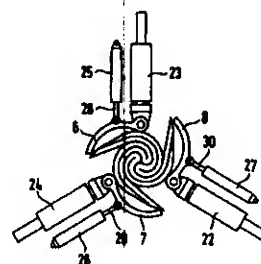
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

21 CLAIMS.

Apparatus for producing a honeycomb body, in particular a catalytic converter supporting body, from at least one stack (1,2,3) of a large number of at least partly structured sheet metal layers, which form a large number of channels which a fluid can pass through, wherein said apparatus is provided with a fork-like looping means rotatable in one direction (S) of rotation about a central axis (9) and engaging with each stack (1,2,3) and shaping segments (6,7,8) which can lock into a shape corresponding to the external shape of the honeycomb body to be manufactured,

characterized in that at least two shaping segments (6,7,8) are provided wherein each shaping segment (6,7,8) respectively is pivotable contrary to the direction of rotation (S), about a pivoting axis (13,14,15) which respectively runs parallel to the central axis (9).



Complete Specification : 19 pages.

Drawing : 6 sheets.

Ind.Cl : 129 J 191302  
 Int.Cl<sup>4</sup> : B 21 B , 1/32 13/14 , 37/08  
 Title : A ROLLING MILL OF REVERSING TYPE AND A METHOD OF ROLLING  
 Applicant : HITACHI , LTD. OF 6, KANDA SURUGADAI 4-CHOME, CHIYODA-KU,  
 TOKYO 101, JAPAN.  
 Inventor : 1. ICHIRO MAENO  
 2. SHUNSAKU KASAI.  
 3. KENICHI KOYAMA  
 Application no. 887/CAL/96 FILED ON 15.5.1996

(CONVENTION NO. 7-122697 FILED ON 22.5.1995 IN JAPAN.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

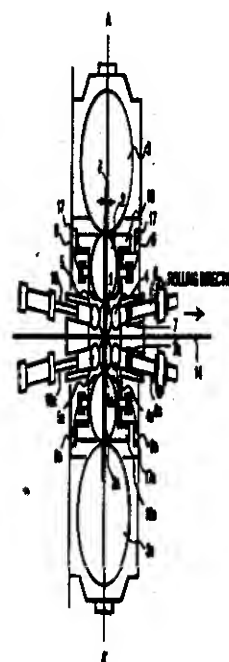
### 9 CLAIMS.

A rolling mill of reversing type having a pair of upper and lower work rolls (1,1a), at least a pair of upper and lower supporting rolls (2,2a) for supporting said pair of upper and lower work rolls, driving torque being transferred to said pair of upper and lower work rolls by driving said pair of upper and lower supporting rolls, thickness of a rolled strip being reduced by said pair of upper and lower work rolls, which comprises :

at least a pair of front and back support rollers (4,5) being provided at the entry side and delivery side of the strip (14) of each of said pair of upper and lower work rolls, said pair of front and back support rollers supporting each end portion of a roll barrel portion of the work roll outside a maximum width of said strip and horizontally from the both sides,

characterized in that,

offset position changing means (3,3a; 9,9a) for changing an offset position of said pair of upper and lower supporting rolls (3,3a) to the entry side of a pass direction against said pair of upper and lower work rolls at the time of switching the pass direction, the offset position of said pair of upper and lower work rolls being switched to the delivery side of the pass direction against said pair of upper and lower supporting rolls by changing the offset position of said pair of upper and lower supporting roll using said offset position changing means.



*Complete Specification : 27 pages.*

*Drawing : 10 sheets.*

Ind.Cl : 107 F **191303**

Int.Cl<sup>4</sup> : F 02 P 1/08 , F 02 P 3/08

Title : AN INTERNAL COMBUSTION ENGINE IGNITION CONTROL APPARATUS.

Applicant : MITSUBA CORPORATION OF 2681, HIROSAWA-CHO 1-CHOME KIRYU-SHI, GUNMA-KEN, JAPAN.

Inventor : 1. SATORU SASAKI.  
2. ATSUSHI YANASE.

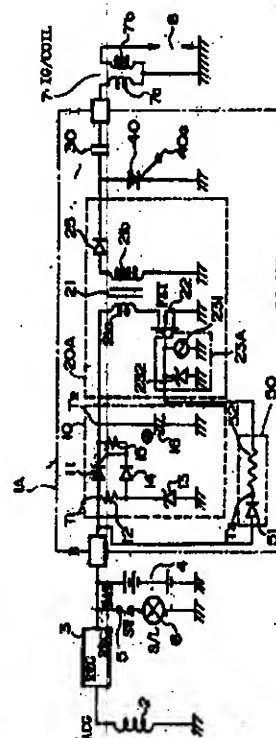
Application no. 1700/CAL/96 FILED ON 25.9.96  
(CONVENTION NO. 7-254203 FILED ON 29.9.1995 IN JAPAN.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*  
*PATENT OFFICE KOLKATA.*

### 8 CLAIMS.

An internal combustion engine ignition control apparatus comprising: overvoltage protection circuit means (10) having a power source input section for inputting power from an external section with a first semiconductor switching means (5) connected thereto, which shuts off said first semiconductor switching means when an overvoltage is input thereto;

Voltage step-up transformer means (21) having second semiconductor switching means and drive means for said second semiconductor switching means, for stepping up an output voltage from said overvoltage protection circuit means ;



Parallel connection means (50, 50B) for connecting said power source input section and the drive means for said second semiconductor switching means ; charging means (30) which is charged by an output from said voltage step-up means; and

Discharge means (40) for discharging an electrical load charged into said charging means.

*Complete Specification : 16 pages. Drawing : 4 sheets.*



Ind.Cl : 206 E 191304  
Int.Cl<sup>4</sup> : G 01 B - 3/14  
Title : AN APPARATUS FOR CLASSIFYING A TEXTURED IMAGE BASED  
ON COARSENESS AND DIRECTIVITY OF TEXTURED PATTERNS  
THEREIN.  
Applicant : DAEWOO ELECTRONICS CORPORATION OF 686, AHYEON-DONG,  
MAPO-GU, SEOUL, KOREA.  
Inventor : HUN-JIN KIM  
Application no. 1839/CAL/96 FILED ON 22.10.1996  
(CONVENTION NO.96-14968 FILED ON 08.05.1996 IN SOUTH KOREA)  
*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**10 CLAIMS.**

An apparatus for classifying a textured image based on coarseness and directivity of textured patterns therein, wherein the textured image containing a plurality of pixels each of which is represented by a grey level value, the said apparatus comprising:

pre-processing block (100) for obtaining a quantized image from the textured image, the quantized image containing a plurality of pixels each of which is represented by one of N quantized values, N being a positive integer;

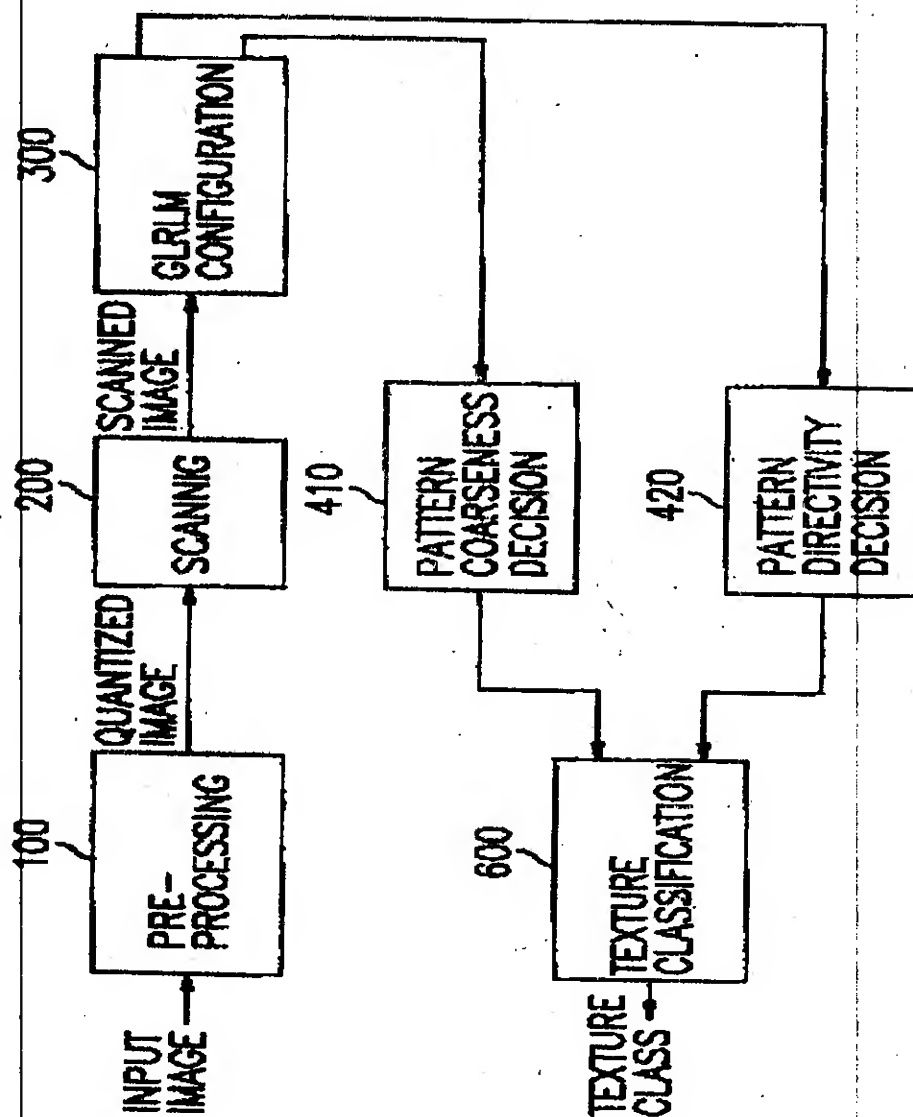
scanning block (200) for scanning the quantized image along M scanning directions, M being a positive integer, to thereby provide M scanned images;

gray level runlength matrix configuration block (300) for providing a set of runlengths by counting runlengths of pixels having a same quantized value, for each of the M scanned images and each of the N quantized values, to thereby provide M X N sets of runlengths, providing M x N mean runlengths by averaging each set of runlengths, and forming an M x N matrix whose elements are the mean runlengths;

pattern coarseness decision block (410) for determining a coarseness of the textured image by using the matrix;

pattern directivity decision block (420) for determining a directivity of the textured image by using the matrix; and

texture classification block (600) for classifying the textured image according to the coarseness and the directivity.



Complete Specification : 18 pages.

Drawing : 7 sheets.

Ind.Cl : 194 C1, C5 **191305**  
 Int.Cl<sup>4</sup> : G 09 G 3/28 ; G 09 G 3/10  
 Title : AN AC PLASMA PANEL.  
 Applicant : PLASMACO INC, OF 180, SOUTH STREET,, HIGHLAND, NEW YORK  
 12528, UNITED STATES OF AMERICA.  
 Inventor : LARRY F. WEBER.  
 Application no. 1929/CAL/96 FILED ON 05.11.1996

(CONVENTION NO.08/564,926 FILED ON 29.11.95 IN UNITED STATES OF AMERICA.)

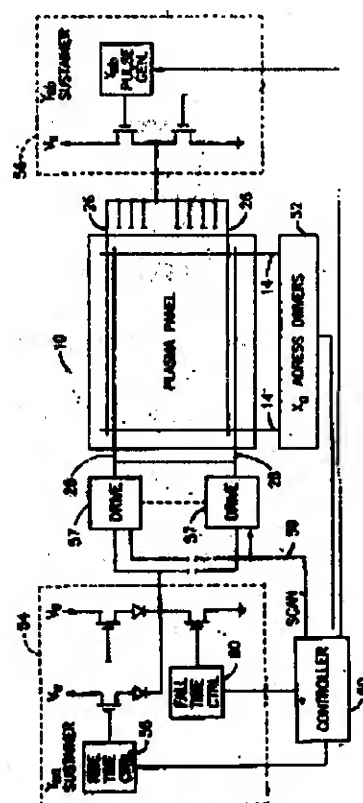
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 11 CLAIMS.

An AC plasma panel (10) comprising plural pixel sites, each site comprising of a dischargeable gas, said pixel sites arranged in rows and columns, each pixel site comprising orthogonally oriented first (26,28) and second (14) intersecting electrodes, said plasma panel (10) comprising:

controlling means (50) coupled to sustainer means (54) for applying drive signals ( $Y_{ss}$ ) to a plurality of said electrodes (28) each drive signal comprising at least one ramp voltage (72,74) which causes a discharge of said gas at each pixel site along an associated electrode and exhibits a voltage slope that is set to assure that current flow through each said pixel site remains in a positive resistance region of a discharge characteristic of said dischargeable gas, so as to create standardized wall voltages at each pixel site along each said electrode (28); and address means (52) for receiving an output from said controlling means (50) and for applying data pulses ( $X_a$ ) to a plurality of said electrodes (14) during an address period to enable selective discharge of said pixel sites in accord with said data pulses.



Complete Specification : 25 pages.

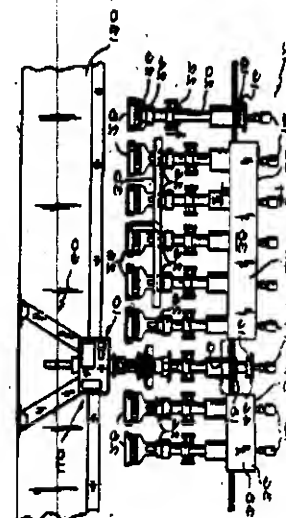
Drawing : 8 sheets.

Ind.Cl : 99 (E) **191306**  
Int.Cl<sup>4</sup> : C 03 B 23/09  
Title : A SPOUT FORMING ASSEMBLY FOR GLASSWARE HAVING AN  
EDGE AND METHOD A SPOUT ON GLASSWARE HAVING AN EDGE.  
Applicant : LIBBEY GLASS INC, OF 940, ASH STREET, TOLEDO, OHIO  
43611, UNITED STATES OF AMERICA.  
Inventor : ROBERT. R. DICKENS.  
Application no. 2182/CAL/96 FILED ON 17.12.1996  
(CONVENTION NO. 08/587, 099 FILED ON 11.01.1996 IN UNITED STATES OF AMERICA.)  
*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**19 CLAIMS.**

A spout forming assembly for glassware having an edge,  
comprising:  
forming means positioned on said assembly for forming a  
spout on said edge of said glassware;  
actuation means positioned on said assembly for moving  
said forming means from a first position to a second position  
to cause said forming means to engage said edge of said  
glassware to form said spout; and  
control means positioned on said assembly for  
controlling said actuation means, said control means  
consisting of a controls assembly having valve means in  
communication with said actuation means, and sensing means  
in communication with said valve means.



***Complete Specification : 19 pages.***

***Drawing : 12 sheets.***

Ind.Cl : 146 C  
Int.Cl<sup>4</sup> : G 01 C, 19/46  
Title : POSITION CONTROL APPARATUS FOR GYROSCOPE.

191307

Applicant : SAMSUNG ELECTRONICS CO.LTD. OF 416 MAETAN-DONG,  
PALDAL-GU-SUWON-CITY, KYUNGKI-DO, KOREA.

Inventor : JONG-CHUL PARK

Application no. 2221/CAL/96 FILED ON 23.12.1996 .

(Convention no.59446/1995 FILED ON 27.12.1995 IN KOREA)

*Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)*

*Patent Office Kolkata.*

### **10 CLAIMS.**

A position control apparatus for gyroscope comprising :

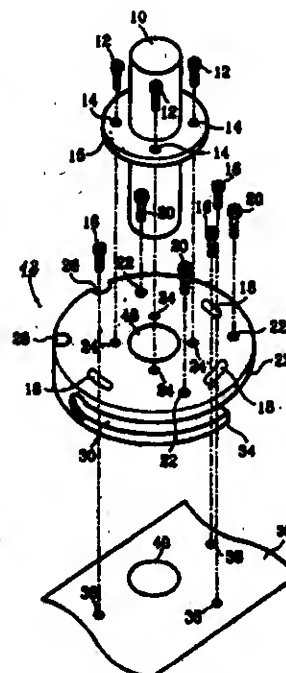
A circular setting board for adjusting a setting position of the gyroscope;

A plurality of tightening screws for fixing said gyroscope to said circular setting board by way of fourth through holes;

A plurality of locking screws for fixing said circular setting board by way of fifth through holes prepared in a mechanism;

A plurality of adjusting screws for adjusting the setting position of said gyroscope in up/down direction; and

A first adjusting flute prepared at an end of said circular setting board, for adjusting the setting position of said gyroscope in a axle direction.



**Complete Specification : 14 pages.**

**Drawing : 4 sheets.**

Ind.Cl : 85 G 191308  
 Int.Cl<sup>4</sup> : F 23 D , 11/44 C 21 D , 9/67  
 Title : VAPORIZER FOR A CARBURIZING FURNACE  
 Applicant : YUNG-CHI , YANG, OF NO. 46 , YUNG-AN RD, TUNG-CHOU TSUN,  
 HIS-CHOU, HSIANG, CHANG-HUA HSIEN, TAIWAN, REPUBLIC  
 OF CHINA.  
 Inventor : YUNG-CHI YANG.  
 Application no. 2254/CAL/96 FILED ON 27.12.1996

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

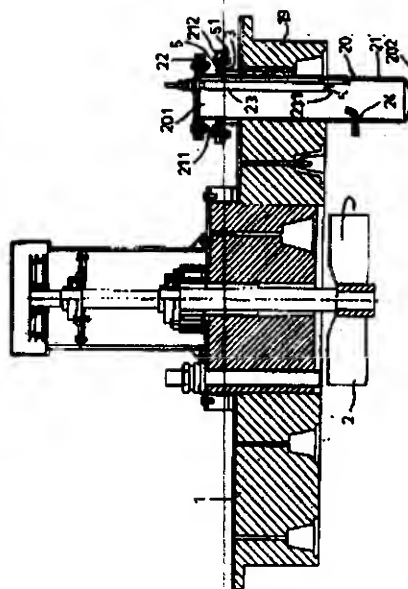
**1 CLAIM.**

A vaporizer (20) for a carburizing furnace (1), comprising :

Tubular member (21) having an open upper end (201) which is fixed to a top wall (19) of said carburizing furnace (1) and a closed lower end (202) which extends into said carburizing furnace (1); and

a cover plate (22) fixed to said upper end (201) of said tubular member (21) in order to close the same, said cover plate (22) having a pipe (23) extending therethrough, said pipe (23) having a first open end (232) which is to be connected to a source of methanol and a second open end (231) which extends into said tubular member (21) characterized in that

said tubular member (21) comprising a hole (24) adjacent to said lower end (202) thereof.



*Complete Specification : 07 pages.*

*Drawing : 04 sheets.*



Electronic circuit for driving a field effect transistor comprising:

a field-effect transistor (T1) having a source section (2), a drain section (3) and a gate section (5), and driving means (T2, T3) for driving said field-effect transistor (T1), said driving means (T2, T3) being able to drive said field-effect transistor (T1) such that an electrically conductive channel between said source section (2) and said drain section (3) is formed and/or maintained, characterized in that said field-effect transistor (T1) has an electrically conductive gate covering element (7) having a thin insulation layer (8) which entirely or partially encloses the regions of said gate section (5) which do not face said electrically conductive channel,

said gate covering element (7) being electrically connected to said source section (2) or to said drain section (3), and in that

when a voltage is to be passed from said source section (2) to said drain section (3), the application of which source section (2) would result in that no electrically conducting channel is formed or in that an existing electrically conducting channel breaks down, said driving means (T2, T3) drive said field-effect transistor



(T1) such that

a gate voltage is applied to said gate section (5), which causes the formation and/or maintenance of an electrically conductive channel between said source section (2) and said drain section (3),

after said electrically conductive channel has been formed, said gate section (5) is disconnected from a gate voltage supply source which applies a gate voltage to said gate section (5) said disconnection causing that said gate section is floating and said electrically conductive channel is maintained thereafter, and

after disconnecting said gate section (5) from said gate voltage supply source said source voltage value is changed to the value of the voltage to be passed from said source section (2) to said drain section (3).

*Complete Specification : 17 pages.*

*Drawing : 2 sheets.*

Ind.Cl : 99 (E) 191310  
Int.Cl<sup>4</sup> : B 65 D 039/04  
Title : A PROCESS FOR THE PRODUCTION OF A CONTAINER.  
Applicant : AISA AUTOMATION INDUSTRIELLE SA. OF ROUTE DE SAVOIE,  
CH-1896 VOUVRY, SWITZERLAND.  
Inventor : GERHARD KELLER.  
Application no. 400/CAL/95 FILED ON 17.4.1995

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**6 CLAIMS.**

A process for the production of a container with an outlet aperture and with a cap, said cap being adapted to be placed over the outlet aperture to close the same, if needed, wherein the body of the container and the cap are connected to one another by means of a hinge, said process comprising the step of producing the body of the container and said cap and said hinge with which the cap is connected to the body, in one work cycle, as a blank by means of injection moulding, and subjecting the blank to further processing to form the finished container, characterised in that the blank is produced with a tube body with the outlet aperture at one end and an open end at the other end, wherein the diameter of the outlet aperture is smaller than the diameter of the tube body, and that the tube body of the blank is subjected to drawing to extend the tube body.

*Complete Specification : 6 pages.*

*Drawing : 1 sheet.*

CANCELLATION PROCEEDINGS  
UNDER SECTION 19 (1)

“An application in the name of TVC Skyshop.com Ltd., for Cancellation of Registered Design No. 175740 was filed on 10.09.03 in class 03 in the name Spaceage Multiproducts Pvt. Ltd.”

PATENTS SEALED ON 17.10.2003 (KOLKATA)



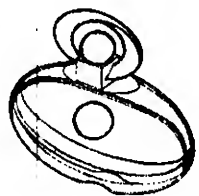

174043 189017 189018 189025 189026 189030 189032 189033 189037 189038 189039 189040  
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DEL—08; KOL—07; CHEN—NIL; MUM—06.



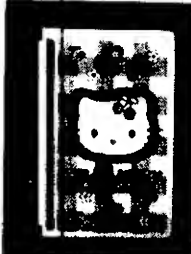


**REGISTRATION OF DESIGNS**

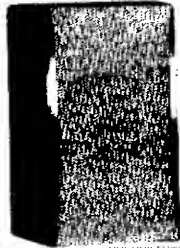




The following designs have been registered. They are open for public inspection. (Colour combination if any, is not shown in the representation)


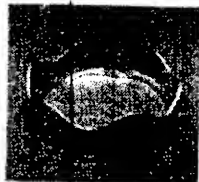

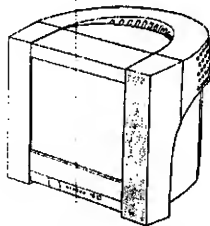

The dates shown in the following each entry is the date of registration.

Class	28-01	No.192004. M/S. CIPLA LIMITED, OF 289 BELLASIS ROAD,, MUMBAI-400008, MAHARASHTRA, INDIA. "INHALER-DUST-CAP" 29 <sup>th</sup> April 2003	
Class	28-01	No.192005. M/S. CIPLA LIMITED, OF 289 BELLASIS ROAD,, MUMBAI-400008, MAHARASHTRA, INDIA. "INHALER-DUST-CAP" 29 <sup>th</sup> April 2003	
Class	09-01	No.192040. SALVATORE FERRAGAMO ITALIA S.P.A. OF VIA DEI TORNABUONI, 2 50123, FIRENZE, ITALY, "PERFUME BOTTLE" (RECIPROCITY, ITALY) 11 <sup>th</sup> December 2002.	
Class	28-01	192003 M/S. CIPLA LIMITED, OF 289 BELLASIS ROAD,, MUMBAI-400008, MAHARASHTRA, INDIA. "INHALER" 29 <sup>th</sup> April 2003	

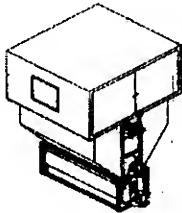




Class	28-01	No.192002. M/S. CIPLA LIMITED, OF 289 BELLASIS ROAD,, MUMBAI-400008, MAHARASHTRA, INDIA. "INHALER - BOTTOM" 29 <sup>th</sup> April 2003	
Class	28-01	No.192001. M/S. CIPLA LIMITED, OF 289 BELLASIS ROAD,, MUMBAI-400008, MAHARASHTRA, INDIA. "INHALER -DRUG-CARTRIDGE" 29 <sup>th</sup> April 2003	
Class	28-01	No.192000. M/S. CIPLA LIMITED, OF 289 BELLASIS ROAD,, MUMBAI-400008, MAHARASHTRA, INDIA. "INHALER -TOP" 29 <sup>th</sup> April 2003	
Class	12-05	No.192603. SAMEER MAHINDRA, AN INDIAN NATIONAL OF 9 SRI FORT ROAD, GROUND FLOOR, NEW DELHI: -110 049, INDIA. "TROLLEY WITH JACK" 16 July 2003	
Class	12-16	No.191750. METRO TYRES LIMITED, OF 134/4 & 134/5, KAILASH COLONY, NEW DELHI: - 110 048, INDIA, AN INDIAN COMPANY. "CYCLE/RICKSHOW TYRE" 4 <sup>th</sup> April 2003	



Class	04-02	No.191884. SUNEHARI SVENDGAARD LABORATORIES, B-1/E-23, MOHAN CO-OPERATIVE INDUSTRIAL AREA, MATHURA ROAD, NEW DELHI:-110044, INDIA, AN INDIAN COMPANY. "TOOTHBRUSH HANDLE" 17 <sup>th</sup> April 2003	
Class	12-15	No.192113. MRF LIMITED, AN INDIAN COMPANY, 124 GREAMS ROAD, CHENNAI:-600 006, TAMIL NADU, INDIA. "AUTOMOBILE TYRE" 14 May 2003	
Class	09-05	No.192444. JOYFUL PLASTICS PVT. LTD. OF 9-15, POOJA IND., ESTATE, WALIV VILLAGE VASAI (E), DIST. THANE, PIN: 401202, STATE OF MAHARASHTRA, INDIA. "LUNCH BOX" 24 June 2003.	
Class	19-06	No.192443. JOYFUL PLASTICS PVT. LTD. OF 9-15, POOJA IND., ESTATE, WALIV VILLAGE VASAI (E), DIST. THANE, PIN: 401202, STATE OF MAHARASHTRA, INDIA. "PENCIL BOX" 24 June 2003.	
Class	12-15	No.192112. . MRF LIMITED, AN INDIAN COMPANY, 124 GREAMS ROAD, CHENNAI:-600 006, TAMIL NADU, INDIA. "AUTOMOBILE TYRE" 14 May 2003	

Class.	09-03	No.191459. LA CHEMISE LACOSTE, of 8, Arue De Castiglione, 75001, Paris, France. "PACKAGING", 3 FEBRUARY 2003. [Priority France].	
Class.	07-01	No.191087. DART INDUSTRIES INC., 14901, South Orange Blossom Trail, Orlando, Florida 32837, U.S.A. "SERVING BOWL", 14 August 2002. [Priority U.S.A.].	
Class.	09-07	No.191373. MAHADEV PLASTICS, 3/74, Raichand Niwas, S.K. Bole Road, Agarbazar, Dadar(W), Mumbai:-400 028, Maharashtra, India. "CAP FOR CONTAINER", 26 February 2003.	
Class.	09-07	No.191374. MAHADEV PLASTICS, 3/74, Raichand Niwas, S.K. Bole Road, Agarbazar, Dadar(W), Mumbai:-400 028, Maharashtra, India. "CAP FOR CONTAINER", 26 February 2003.	
Class.	07-01	No.191086. DART INDUSTRIES INC., 14901, South Orange Blossom Trail, Orlando, Florida 32837, U.S.A. "COVER FOR BOWL", 14 August 2002. [Priority U.S.A.].	

Class.	07-3	No.191085. DART INDUSTRIES INC., 14901, South Orange Blossom Trail , Orlando, Florida 32837, U.S.A. "SPOON", 14 August 2002. [Priority U.S.A.].	
Class.	07-01	No.191084. DART INDUSTRIES INC., 14901, South Orange Blossom Trail , Orlando, Florida 32837, U.S.A. "DISH", 15 August 2002. [Priority U.S.A.].	
Class.	05-05	No.191548. PARRY MURRY & CO. LTD., Unit 12, Saxon Business Centre, Windsor Avenue, London SW 19 2RR, U.K., "TEXTILE ARTICLE", 17 March 2003.	
Class.	14-03	No.191886. KABUSHIKI KAISHA TOSHIBA, 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan. "TELEVISION SET", 17 April 2003.	
Class.	09-01	No.191462. LA CHEMISE LACOSTE, of 8, Arue De Castiglione, 75001, Paris, France. "BOTTLE", 3 FEBRUARY 2003. [Priority France].	



Class.	15-06	No.191561. M/S. AVI SALES PVT. LTD., 609, Wall Street-1, Orient Club, Ellisbridge, Ahmedabad:-380006, Gujarat, India. "COTTON CONDENSER", 19 March 2003.	
Class.	12-16	No.191890. VIKAS POLYMERS . NW-113, Vishnu Garden, New Delhi:-110018, India. "BACK LIGHT COVER", 21 April 2003.	
Class.	03-01	No.190047. M/S. JAWAHAR ENTERPRISES, 1/1112/3, 1 <sup>st</sup> Floor, Bara Bazar, Kashmeri Gate, Delhi:-6, India. "STICKER CASE", 26 Sept. 2002.	
Class.	05-05	No.191546. PARRY MURRY & CO. LTD., Unit 12, Saxon Business Centre, Windsor Avenue, London SW 19 2RR, U.K., "TEXTILE ARTICLE", 17 March 2003.	
Class.	05-05	No.191547. PARRY MURRY & CO. LTD., Unit 12, Saxon Business Centre, Windsor Avenue, London SW 19 2RR, U.K., "TEXTILE ARTICLE", 17 March 2003.	

Class.	23-01	No.192056.WHIRLPOOL OF INDIA LIMITED, 28, N.I.T., Faridabad:-121001, Haryana, India. "FAUCET COUPLER", 6 May 2002.	
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Dr. S. N. MAITY  
Controller General of Patents, Designs & Trade Marks